



Approval #

980061-U
(Replaces 920098-U)

Safety & Buildings Division
201 West Washington Avenue
P.O. Box 2689
Madison, WI 53701

Wisconsin Material Approval

Material

Aboveground Double-Wall Storage Tank

Manufacturer

St. Hilaire Supply Company
Highway 32 South
P.O. Box 98
St. Hilaire, Minnesota 56754

SCOPE OF EVALUATION

The aboveground double wall storage tanks manufactured by St. Hilaire Supply Company have been evaluated in accordance with **sections ILHR 10.345(1) and 10.415(7)(b)** of the Wisconsin Administrative Flammable and Combustible Liquids Code.

DESCRIPTION AND USE

The St. Hilaire supply secondary containment tank is an aboveground double wall steel storage tank. It is available in the horizontal configuration with nominal capacities of 300 to 2000 gallons. Interstitial monitoring is provided by a sight glass in the outer wall. The tank has a UL approved skid design.

TESTS AND RESULTS

Underwriters Laboratories, Inc. has tested and listed the tank in accordance with UL Standard 142. The tanks also use a UL approved skid design.

LIMITATIONS OF APPROVAL

The secondary containment tank is approved for compliance with the secondary containment requirements of **sections ILHR 10.345 (1) and 10.415 (7)(b)** and may be used without a dike, except in the case of public-access waste oil collection. Tanks for public-access waste oil collection shall be provided with a dike in accordance with **s. ILHR 10.33**.

Tanks up to 10,000 gallons may be used for vehicle fueling in accordance with **s. ILHR 10.415**.

All tanks, regardless of capacity, shall have a minimum total wall thickness (heads and shells) of 7/16-inch. This is deemed sufficient to meet the projectile protection requirements of section ILHR 10.415 (7)(b) and may be achieved by a combination of 1/4-inch and 7 gage sheet thicknesses.

Double wall tanks with lesser wall thicknesses may be used inside a building without a dike subject to the requirements of **sections ILHR 10.335(2), 10.473 and 10.474**.

Compartmentalized tanks shall be constructed with a double bulkhead in accordance with UL Standard 142. This interstitial space between compartments shall be monitored for leaks.

A spill container shall be provided at the fill opening in accordance with **s. ILHR 10.415 (12)(a)**.

Separate vehicle collision protection shall be provided by a barrier that meets the design requirements specified in **s. ILHR 10.415 (8)(a)**.

No attachments shall be made to the tank which violate or void the UL listing.

The tank system shall be installed to allow full visual inspection of the secondary containment system.

The interstitial space shall be monitored for leaks. The monitor must be capable of detecting a leak from anywhere in the inner tank.

The installer shall be certified by the department in accordance with **Chap.COMM 5**.

This approval will be valid through December 31, 2003, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Reviewed by: _____

Approval Date: _____ By: _____

Duane D.Hubeler
Mechanical Code Consultant
Bureau of Program Development

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